

1 accreditation, submit the test report for review, and that  
2 is the safeguard. The test report is reviewed by a third  
3 party.

4 MR. BERRESFORD: And under what --

5 MR. VARMA: Is this third party the TCB?

6 MR. HURST: Is a TCB.

7 MR. BERRESFORD: Yes.

8 MR. HURST: Independent third party is a TCB and  
9 reviews, reviews the test report produced by another test  
10 laboratory, by the manufacturer, and accreditation is not a  
11 condition.

12 MR. BERRESFORD: And then under what system or  
13 buzz word may a manufacturer do everything by itself and  
14 say, "I've done the testing and it passes the test"?

15 MR. HURST: Under either declaration of conformity  
16 or verification, and the difference between the two of those  
17 is declaration of conformity states that the manufacturer's  
18 test laboratory is accredited. Under verification, there  
19 are no requirements that the laboratory be accredited.

20 MR. BERRESFORD: Okay, thank you.

21 Yog, did you have --

22 MR. VARMA: Stan wanted to make a statement.

23 MR. BERRESFORD: I'm sorry. Yes.

24 MR. ROBERTS: Thank you. Stan Roberts, ITI.

25 We'd like to emphasize just once more that

Heritage Reporting Corporation  
(202) 628-4888

1 accreditation is not a requirement for Part 68 at the  
2 moment. One can register the product, send in the report  
3 data. No accredited lab is required.

4 The other thing we would like to emphasize from  
5 ISO Guide 22 that accreditation of laboratories is not  
6 called for there either.

7 So we tend to think that moving from registration  
8 or certification today to verification doesn't place any  
9 problems, extra burdens for the FCC nor for the  
10 manufacturers or suppliers.

11 We heard yesterday that with all the 3,000  
12 registrations per year, I don't think there is major or  
13 gross violations there, so that would be our point that  
14 mandatory lab accreditation is not a present requirement.

15 Thank you.

16 MR. BERRESFORD: Mr. Salinas.

17 MR. SALINAS: Jimmy Salinas.

18 Taking into account where the industry came from  
19 with equipment that worked on slow relay, slope hour  
20 changes, fairly high currents, and going into the new  
21 technology where we're talking about very, very low current,  
22 very low power, looking at band bytes, or full bandwidth  
23 application, looking at equipment that will be damaged in a  
24 nanosecond or a microsecond space where the voltage jumps  
25 immediately and my modem goes away, verification is not a

1 feasible application in that scenario going with the newer  
2 technology.

3 I need to have a lab that is certifiable that they  
4 have the capability to measure that response in a  
5 nanosecond, have the capability to look at absolute zero  
6 references to ground and differences in impedance, have a  
7 lab that has the capability to look at a complete full  
8 bandwidth, since we're talking about sharing bandwidths on a  
9 cable pair, or looking at bandwidth bytes because I'm going  
10 to use this low -- this portion, somebody else is going to  
11 use another portion, and a different person is going to use  
12 another portion all on the same cable pair.

13 The technology of the network is changing. The  
14 newer DSL type technology is changing, which means it needs  
15 a tighter control on that type technology. The old rules  
16 that exist work fine on a ringing telephone. It worked fine  
17 on somebody going off hook and worked very well on dial  
18 posts on touch tone.

19 But when you start talking about I've got a piece  
20 of \$200.00 equipment sitting out there, and there is a raise  
21 in voltage from zero to 600 volts in a nanosecond space that  
22 did not affect my telephone but it does affect the newer  
23 technology. So a certification type lab would be a  
24 preferred method.

25 MR. BERRESFORD: Thank you.

1 MR. BIPES: John Bipes, Mobil Engineering.

2 I want to point out that I think historically  
3 there has with the FCC been a de facto sort of lab  
4 accreditation. The reason I say that is that FCC has always  
5 required that labs that submit data have on file procedures.  
6 Historically, the FCC has had a track record on submissions  
7 and the integrity of the technical information contained in  
8 Exhibit F. There has been scrutinization by -- until as  
9 recently as a year ago -- just one person at the FCC who has  
10 been overseeing that process.

11 And in the back of the Part 68 registration guide  
12 there has been a list of laboratories and designations as to  
13 their capabilities and limitations; whether or not they are  
14 NIST or NAV Lab accredited.

15 And so I would argue that there has been a de  
16 facto sort of lab accreditation process in place even though  
17 in the U.S. we have not had the formal lab accreditation  
18 process that, for example, Industry Canada uses.

19 I think a critical matter of concern here is third  
20 party evaluation. Looking at a designed product from a  
21 different point of view with different vests interests can  
22 be of great value. We heard yesterday the mention that a  
23 manufacturer may wish to take a risk and simply declare that  
24 in fact their product will be compliant even before design  
25 and production is completed to the point of producing an

Heritage Reporting Corporation  
(202) 628-4888

1 artifact to test, and that to me is a quantum leap toward a  
2 loss of integrity of the final telecom product from what we  
3 have today, and I would discourage going that way.

4 While I have little doubt about the large telecom  
5 manufacturers and their integrity, most of my work as a  
6 consultant in a Part 68 test lab has been with very small  
7 suppliers who have little to no idea of what network  
8 compliance as contained in Part 68 requires, and I have a  
9 fear that if those manufacturers in particular are allowed  
10 to self-declare that their product, even in advance of an  
11 artifact to test being available, that their product  
12 complies, that in fact what now happens in the test and  
13 registration lab is going to happen with the telecom  
14 carriers, it's going to happen with the user, and the  
15 feedback loop in correcting that design is going to become  
16 much longer.

17 In the final analysis, it may become a horrible  
18 burden for the large manufacturers that are pushing for  
19 self-declaration, and it may become in the final analysis a  
20 big problem for the FCC where while the trend now is to  
21 diminish the FCC involvement, it may at a later point  
22 require an awful lot more FCC involvement on a remedial  
23 basis.

24 MR. BERRESFORD: Mr. Wagner.

25 MR. WAGNER: Yes, John Wagner with Lucent

Heritage Reporting Corporation  
(202) 628-4888

1 Technologies.

2 I'd like to respond to Jimmy Salinas's question  
3 and also Mr. Bipes.

4 If we look as an example as to the past roughly 20  
5 years in Part 15, Part 15 products, other than personal  
6 computers, have been allowed to use the verification process  
7 in the United States and indeed worldwide ever since the  
8 rules, whether they be the U.S. rules or international rules  
9 have been adopted.

10 Part 15 deals with the very bandwidth that Jimmy  
11 is talking about. Low frequency to us is probably near a  
12 gigahertz. Some of our products we measure to 10 gigahertz,  
13 and we have been allowed to do so without the imposition  
14 either of a regulatory agency -- filing with a regulatory  
15 agency with the exception of PCs in the United States until  
16 1996, but all larger equipment is subject to the  
17 verification rules and has been worldwide and certainly  
18 manufacturers testing their own products, keeping that data  
19 on file and simply placing the product on the market has  
20 been extremely successful.

21 The Part 15 folks stated, in 1995 or 1996, when  
22 the rules were being proposed for a change there, that prior  
23 to the imposition of Part 15 back in the -- well, the  
24 mandatory compliance date was 1993, but the rules were  
25 developed in the late seventies, that the FCC was receiving

1     tens of thousands of reports of interference or complaints  
2     of interference during the year. As of 1996, that number  
3     had dropped to, I believe, less than half a dozen. So  
4     certainly the rules work. The procedure under which  
5     manufacturers evaluated their products and placed them on  
6     the market works. The problem is gone, and I don't believe  
7     that mandatory laboratory accreditation will make that  
8     compliance any better.

9             And the other thing as an international  
10    manufacturer that I greatly fear is that if the United  
11    States adopts a policy that is viewed internationally as a  
12    non-tariff trade barrier, such as making accreditation of  
13    laboratories required, there will be, I guess you could say  
14    reprisals internationally. We certainly have seen that in  
15    the Part 15 arena and it becomes a tremendous reg -- well,  
16    not regulatory -- burden for a manufacturer to try to get  
17    their products into other markets because all of a sudden we  
18    have unusual rules creeping up in those jurisdictions.

19            Thank you.

20            MR. BERRESFORD: Mr. Godfrey.

21            MR. GODFREY: John Godfrey with the Information  
22    Technology Industry Council. We represent manufacturers of  
23    IT equipment.

24            First, I'd like to note that we agree with the  
25    comment that Pierre Adornato made earlier that the

1 telecommunication certification bodies would continue to  
2 have a role even with a move to verification, and I think in  
3 a way this answers the question Mr. Bipes raised.

4           For the small and medium-size manufacturers, it's  
5 critically important that there be an infrastructure of  
6 independent testing laboratories that can provide expert  
7 services to them. We think that those labs have a very  
8 important role to play. The large manufacturers often have  
9 their own internal labs -- I think virtually all ITI members  
10 do -- that have experience and expertise. Even many of  
11 those go to independent laboratories.

12           But the important point is that it's a business  
13 decision to do so, and it's to build in expertise that you  
14 want to out-source and confidence that you want to out-  
15 source, get an independent review.

16           Making it a mandatory requirement, we feel, is a  
17 step that's not justified by the track record of compliance  
18 in this area.

19           The main difference between verification and the  
20 DOC procedure, as you've heard, is between accredited labs  
21 and not having to go to an accredited lab. But I don't  
22 think you should read that as saying that one process  
23 requires you to use a competent lab and the other process  
24 allows you to use an incompetent lab. That would -- that is  
25 not correct. The reason is that Part 68 is a mandatory



1 requirement backed up by the Commission's enforcement  
2 activities.

3 If it were not mandatory and there were no  
4 enforcement, then we might have some concern, but the  
5 backstopping of enforcement is very important. It's what  
6 makes it a reasonable business decision for responsible  
7 manufacturers to take the steps necessary to make sure their  
8 products are in compliance, and when they do that they know  
9 they're not going to be undercut by their competitors who  
10 cheat the system. They know that won't happen.

11 Now, I think we heard it mentioned yesterday and I  
12 think we all know that there are going to be some small fly-  
13 by-night operators who come on the market, cheat the system  
14 and then disappear. We don't think the mandatory lab  
15 accreditation is going to affect that one way or the other.

16 The biggest drawback that ITI members see to a  
17 mandatory lab accreditation and therefore going to a DOC as  
18 opposed to a verification process was just described by John  
19 Wagner, although I probably would not characterize what  
20 happens internationally as a retaliation against a trade  
21 barrier by the U.S.

22 What I would say instead is that when you make  
23 accreditation a mandatory requirement as opposed to a  
24 business decision by the company choosing which lab to go  
25 to, when you make it a mandatory requirement, then the FCC

Heritage Reporting Corporation  
(202) 628-4888

1 has to decide which accreditor's word it's going to accept.

2 In the Part 15 area, they have put some rules in  
3 place for doing that, but there is currently no, and Joe  
4 O'Neill, I know, has worked hard to overcome this, but there  
5 is currently no worldwide mutual recognition among lab  
6 accreditors. So what that means is for international  
7 manufacturers when the FCC requires an accreditation by  
8 certain specific accreditors, then in a global industry  
9 where products -- excuse me, I'm going to have to take a sip  
10 of water.

11 In a global industry where products are being  
12 manufactured and tested worldwide, in the absence of a  
13 stitched together network of accreditations it literally  
14 becomes necessary sometimes to ship components or equipment  
15 from where they were being manufactured to another part of  
16 the world to be tested again, the exact same tests, solely  
17 in order to have them done in a lab that's been accredited  
18 by an accreditor that a government body such as the FCC  
19 recognizes. This is happening today in the Part 15 area.

20 Now, we're working to try and stitch together a  
21 mutual recognition of accreditation worldwide that will go a  
22 long way to solve that problem, but that is really a hurdle  
23 that a use of the DOC procedure instead of a verification  
24 procedure would create, and we -- we would question what the  
25 marginal value of that difference would be to justify

Heritage Reporting Corporation  
(202) 628-4888

1 creating that hurtle.

2 MR. BERRESFORD: Thank you.

3 Mr. Bishop.

4 MR. BISHOP: Thank you. This is Trone Bishop with  
5 Bell Atlantic. I'd like to make a few comments and at least  
6 give my opinion on a few things I've heard this morning.

7 But I think you should look carefully of the  
8 comments filed by the Texas Commission on this matter, where  
9 they made a few good points, and one was that the private  
10 sector really lacks the incentive to police the market. I  
11 know everyone here on this panel is well intentioned and  
12 they certainly don't want to see any harm to the network or  
13 see the network degraded, and they all promise that either  
14 through their verification process or their SDOC that  
15 they're going to make sure that their products meets the  
16 rules.

17 But I believe the ACIL as an organization of test  
18 labs can probably give you some statistics as to the number  
19 of products that are tested by their client companies that  
20 fail various aspects of Part 68 the first time through.

21 So in that regard to a large extent, and  
22 incidently, the FCC used to publish some of these statistics  
23 in the Billboard Newsletter that they used to circulate, and  
24 it was clear that there is a high percentage failures, at  
25 least experienced by the test labs.

Heritage Reporting Corporation  
(202) 628-4888

1           So this tells me that the rules may be well  
2 understood by some segments of the industry, but they are  
3 not well understood by all segments of the manufacturing and  
4 supplier industry, so there is a significant risk if we just  
5 do away with FCC oversight entirely, whereas moving it to  
6 the private sector vis-a-vis a TCB seems to me you still get  
7 an oversight afforded by the test lab, and if you do this  
8 for an interim period as the ACIL suggests, then you can get  
9 some statistics, you can get some history as to how well  
10 this is working.

11           And I think when it comes to supplier giving a  
12 declaration or verifying that his product, if that's the  
13 only process in place, then here is what happens. I am a --  
14 we've always had an issue with interpretation of the rules.  
15 I attend a TR-41.9 standards committee. Every quarterly  
16 meeting we have we discuss interpretations of the rules, and  
17 different companies have different interpretations of the  
18 rules, and some interpretations -- and when you have two  
19 possible interpretations of the rules, usually there is one  
20 interpretation that protect the network from harm and  
21 another interpretation that would make the rule of no effect  
22 and not protect the network from harm.

23           And so in the committee we can come to a consensus  
24 usually as to which is the right way to interpret the rule.  
25 Without any -- at least in the present process the FCC is

Heritage Reporting Corporation  
(202) 628-4888

1 looking at the applications, reviewing, they can interpret  
2 the rules. They can interpret what rules are applicable to  
3 which particular equipment. The TCBs can do the same.

4 If no one is looking at anything, then the  
5 interpretation is left up to the manufacturer and there is  
6 no oversight.

7 The second thing would be waivers. Right now  
8 certain equipments require waiver of the rules, or they  
9 don't conform to all the rules, and so -- because maybe they  
10 were not contemplated by the present rules. Under some of  
11 the schemes we've heard this morning a person could, in  
12 effect, grant themselves a waiver by merely looking at the  
13 rules and saying, "That -- I've got something -- I've got a  
14 new feature on my phone. You know, my phone or my device  
15 detects stutter dial tone, so I need to be able to go off  
16 hook every five minutes to check that stutter dial tone."

17 So I can interpret the rules in such a way, and  
18 the effect would be I've granted myself a waiver. So I  
19 believe that those other processes don't take into account  
20 how rules will be interpreted and the fact that waivers  
21 might need to be granted in certain situations whereas the  
22 test lab, the TCB process, there has been safeguards put  
23 into place where they will not grant waivers, so they have  
24 to report cases where a waiver is needed, and also there is  
25 supposed to be a process in place whereby interpretations

1 are -- there is some consistency in interpretations.

2 Thank you.

3 MR. BERRESFORD: Mr. Salinas, you've had your hand  
4 up.

5 MR. SALINAS: Yes, sir. Jimmy Salinas.

6 I'd like to answer one of the questions brought up  
7 by Mr. Wagner and reverify.

8 The certified lab or the accredited lab does not  
9 have to be outside of a company. It can be that an  
10 accredited lab was in a company.

11 Also, looking into what's going on in the  
12 harmonization method that's going on throughout the United  
13 States and out to the rest of the world, that certified lab  
14 does not have to be in the United States. It can be in  
15 England. It can be in Germany. It can be in Russia. There  
16 is presently no international organization that certifies  
17 labs, but if harmonization continues, there will be. It is  
18 happening today and it will go forward and happen.

19 And the reason -- and to cover the scenario about  
20 Part 15 and not a lot of reports come to the FCC, yeah, Part  
21 15 is working well and there is a reduced amount of reports  
22 to the FCC, but there is an increased amount of reports to  
23 the local phone companies. Examples I can give is a digital  
24 telephone sitting on the fortieth floor of a building  
25 getting the overshoot from a microwave, and the digital

1 telephone picks up that information. A digital PBX or a  
2 digital phone sitting in the lobby of a main building and a  
3 security guard keys in his radio and knocks down the unit.  
4 That's F-16 scenarios -- F-15 scenarios.

5 A dimmer switch in a house, properly designed  
6 dimmer switch take out my cordless phone, take out the  
7 recorder heads on my recording device and radio system. A  
8 wireless phone that's improperly built again will affect  
9 other technology that was in the same house. Something as  
10 simple as stethoscope, a new technology in the medical field  
11 is an ultrasonic stethoscope, it sends a beam that hits the  
12 patient's skin and bounces back, can be affected by any  
13 device that works in the 900 and 940 megahertz range, and  
14 there are many devices that works out there.

15 I can personally go open any locked door that has  
16 a card reader on that door by using a cell phone. Yeah,  
17 they're getting less reports, but I'm getting them. They  
18 are still there. They are not as massive, but they are  
19 changing.

20 MR. BERRESFORD: Thank you.

21 In the audience?

22 MR. GUBISH: Thank you. My name is Roland Gubish  
23 with Intertech Testing Services.

24 Intertech is the world's largest product and  
25 commodity testing and certification organization, so we're

Heritage Reporting Corporation  
(202) 628-4888

1 familiar with the issues of testing and certification. We  
2 probably also contribute the largest number of Part 68  
3 registration applications to the FCC collectively of any  
4 entity.

5 I would like to emphasize the issues that were  
6 raised earlier and bring up a few other issues regarding the  
7 activities of the proposed telecommunication certification  
8 bodies as described in the FCC rules.

9 They are indeed global as Mr. Salinas pointed out.  
10 TCBs may be anywhere. This is a reduction of restraint of  
11 trade, fostering trade, so we have an advantage there.

12 When using a telecommunication certification body,  
13 there are no accreditation requirements for the entity  
14 submitting the applications. The TCB has to assure itself  
15 that the testing was done adequately. If the laboratory  
16 submitting data is accredited under ISO Guide 25, for  
17 example, then that task of checking the validity of the data  
18 is substantially reduced. So using the TCBs removes the  
19 burden of accreditation from the submitting bodies.

20 There are three other benefits that are described .  
21 in the requirements for accreditation of telecommunication  
22 certification bodies under ISO Guide 65. One is the listing  
23 process. The TCB takes over the activity of listing  
24 products, noting what has been approved. That becomes an  
25 activity that's taken from the FCC to the TCB. That



1 disappears under the DOC or verification processes.

2 The second activity the TCB is obliged to conduct  
3 is a surveillance to assure that the product continues to  
4 meet the requirements.

5 And the third activity is independence since  
6 manufacturers cannot be telecommunication certification  
7 bodies. Surely the manufacturers whose internal  
8 laboratories are accredited, ISO Guide 25, you do have a  
9 degree of independence from the manufacturing operations.  
10 The TCB provides a third level of independence.

11 Intertech Testing Services, as does UL, operates  
12 certification activities throughout the world. We are  
13 familiar with the independence and the benefits of these  
14 certification requirements and the benefits to the consumer  
15 of being in a competitive marketplace.

16 MR. BERRESFORD: Thank you.

17 Mr. Shinn.

18 MR. SHINN: Thank you. John Shinn, Nortel  
19 Networks.

20 As a large manufacturer, I have a rather large  
21 test lab, and it is a NAV Lab accreditation. What I want to  
22 sort of, rather than discussing the pros and cons, I think  
23 what I sort of want to do is describe two things. One is a  
24 scenario in the TCB issue.

25 Presently I test a product and generate a report,

Heritage Reporting Corporation  
(202) 628-4888

1 and I submit to the FCC for registration and it comes out  
2 registered under the normal time delay. Under the TCB, what  
3 I fear would be that there's a possibility that the test  
4 lab, the laboratory no longer operated strictly as a paper  
5 shuffler, if you will, but will say, "Oh, I don't trust your  
6 data. I want you to test your equipment with my lab," which  
7 would create a much longer time frame and much more expense  
8 obviously, that would mitigate any kind of, or change or  
9 cost me a lot of funds that I would normally have tied up in  
10 my lab already.

11 So I am a little bit concerned about the use of a  
12 TCB to save me time and money. I just don't see it in the  
13 long run.

14 The second issue I want to talk about would be as  
15 accreditation, as we pointed out earlier, a NAV Lab shows  
16 that the test lab is independent of the manufacturer, so I  
17 don't have any real pull or demand from the manufacturing  
18 division or any groups that say we have to ship this, you  
19 know, solve or fix it or do whatever you have to do to get  
20 it out.

21 I see the NAV Lab or accredited test lab as being  
22 relatively independent of the manufacturing process even  
23 within the same company. And really almost like a -- as a  
24 police in a sense within our company, and I don't feel the  
25 pressures to cheat, if you will, okay.

Heritage Reporting Corporation  
(202) 628-4888

1           The other thing it talks about in the  
2 international market with the -- due to the fact that I have  
3 an accredited lab, that opens up international markets, for  
4 example, also include -- and I'm an RTA for Ost Radio,  
5 Taiwan, Hong Kong, working Singapore, China. I have -- so  
6 that has opened up a lot of international markets for me  
7 because I have this accreditation, and I am an RTA for  
8 several Asia-Pacific countries, and I am continuing to grow,  
9 and I think that although Europe has its own CTAs, it's  
10 going to open up more of the market, the international  
11 market with the accreditation, and I see the accreditation  
12 to be a more something that has its own built in viability  
13 where you're going to make sure that those labs are  
14 reasonable. They are going to be monitored at least every  
15 year. They are going to have a -- you know, do the paper  
16 work. Every other year they are going to have someone  
17 actually come down and verify the competency of the people  
18 who are actually running the test. This even presently is  
19 not really done under the FCC scheme today.

20           Generate documents and this is how I do my test,  
21 but nobody verifies it. Actually comes up and shows up at  
22 my door and says do I really have someone sitting there in  
23 front of this machine doing it the way I say I'm going to do  
24 it. And so that's one of the reasons that I feel that  
25 accreditation is necessary.

Heritage Reporting Corporation  
(202) 628-4888

1           And the second thing, the other issue I want to  
2   discuss and look at is I don't feel that I want to go  
3   through a step process, going from where we are today to a  
4   TCB to something else. And if we're going to do that, let's  
5   leave in place, like we did with the Part 15 group for the  
6   declaration of conformity, it's there for awhile. Let's  
7   continue with the FCC registration process. We go to the  
8   verification, or as I prefer, the SDOC process, and for a  
9   period of time this will also be available, and then it  
10  changed over completely. So that's my position on that.

11           MR. BERRESFORD: Thank you.

12           Ms. Wride.

13           MS. WRIDE: This is Anh Wride with CCL.

14           Just wanted to answer the statement, reply to the  
15  statement that John just made.

16           If the TCB requires you to use their lab to test,  
17  there is competition amongst the TCB. You do not have to go  
18  the same TCB. You can go to another one and say, "This is  
19  my test data and it's valid," and with competition there is  
20  no abuse of process amongst TCB.

21           Next, I would like to just support Trone's  
22  statement in the self-waiving process. As chair of TR-41.9,  
23  I've been asked many times to basically pass a judgment for  
24  ADSL modems because right now the ADSL modems when they  
25  transmit do not fit under the single power criteria allowed

1 in Part 68. So I've been asked to just apply only the  
2 requirements of the other parts of Part 68, other sections  
3 of Part 68, but not the signal power because it's not  
4 passing.

5 And so to -- if you don't have kind of safeguard,  
6 then it's very easy for, you know, not conscientious  
7 manufacturers, but for the other type of manufacturers to  
8 say, "Well, it really doesn't apply to me," and just do away  
9 with it and, you know, connect just that way and cause  
10 network harm.

11 MR. BERRESFORD: Mr. Roberts.

12 MR. ROBERTS: Thank you. Stan Roberts, ITI.

13 I've been listening avidly here and many of the  
14 words we heard today and yesterday like cheating, policing,  
15 judgment, someone mentioned earlier about verification. It  
16 may be prudent during the break to check what verification  
17 is. It looks as though it may come from the Latin veritas  
18 meaning truth, and I think declaring conformity or getting  
19 someone else to verify it for you, one should not be  
20 questioned if the products are okay. Verification is a  
21 very, very term to use, and I think it's serves us all well,  
22 and that's my point I'd make, that verification does in fact  
23 cover all the topics we've just been discussing if truly it  
24 means confirming the truth.

25 Thank you.

Heritage Reporting Corporation  
(202) 628-4888

1 MR. BERRESFORD: Thank you.

2 Mr. Godfrey.

3 MR. GODFREY: I'll be more brief than last time.

4 On the self-waiving issue, I think we discussed  
5 yesterday at great length some of the problems with the  
6 signal power limits and how they evolve in relation to new  
7 technologies, and I would suggest that the right way to  
8 solve the problem that we've been hearing about is to  
9 transition the development of the technical standards to  
10 NSDO and the private sector that can better keep up with the  
11 pace of technology change.

12 And I think that when that happens then you will  
13 find that you have a written standard that manufacturers and  
14 test labs can look at and relate to the new technology, at  
15 least that's the hope of making that transition.

16 And then under a verification procedure or a  
17 declaration of conformity procedure, you are asserting your  
18 conformance to the standard. There is no such thing as a  
19 self-waiver under the verification procedure. It's just  
20 not -- it's just not something that can be done.

21 Now, if the standard is not well written and it's  
22 not clear and it's subject to interpretation of an egregious  
23 nature, such as the example we heard about, that's to be  
24 solved by fixing the standard. That's a much more efficient  
25 way to solve it than putting those judgments and

1       interpretations in the hands of a certification body.

2               MR. BERRESFORD: Thank you.

3               Oh, Mr. Wagner.

4               MR. WAGNER: John Wagoner with Lucent  
5       Technologies.

6               I keep kind of coming back to the way the  
7       Europeans have handled this, and I think they are very, very  
8       smart in the way they handled this whole issue. I  
9       personally favor verification as a way to getting my  
10      products to the market. That is the simplest thing for me  
11      to do.

12              However, if the FCC gets out of the registration  
13      business and I have one of these products, an ADSL product  
14      or anything -- anything else that will not meet the rules,  
15      perhaps only because the rules have not been developed to  
16      address the issue, and the FCC gets out of the business of  
17      telling me what to do in that case, I need somewhere to go.

18              Now, in the European model, they have, depending  
19      upon which directive applies, they have things like  
20      competent bodies or notified bodies which are appointed by ,  
21      the government regulators involved to whom the manufacturer  
22      can go and say, "Listen, I can apply all the rules except  
23      for these two parts. What do I do?" And those bodies have  
24      been given the authority of the regulatory bodies to make  
25      those decisions apart from the regulator getting involved

1 themselves.

2 And in that respect I think that if the FCC gets  
3 out of the business of making those evaluations, waivers if  
4 you will, there certainly needs to be something out there in  
5 the private sector, perhaps the TCB is an appropriate place  
6 for that to happen, but we need the ability to get a product  
7 on the market and very fast decisions on things like that,  
8 and certainly John Godfrey is correct that the proper place  
9 to fix that is in a standards committee.

10 But if my marketing folks are saying, "We need to  
11 release these products next month," and I'm saying, "Well,  
12 in two years we will have a standard that will allow you to  
13 do this," that is not an acceptable place to go. I need to  
14 have somewhere to go to to get an answer today.

15 Thank you.

16 MR. BERRESFORD: Thank you.

17 Ms. Wride.

18 MS. WRIDE: Yes, and I just wanted to say that  
19 under General Docket No. 98-68 the Commission has already  
20 prepared the course for these bodies that will help, you  
21 know, Lucent or any other manufacturers to have the fast and  
22 quick decision in order to comply with the sections that are  
23 not part of the standard.

24 And then the standard with John --

25 MR. BERRESFORD: And that body is called?



1 MS. WRIDE: TCBs.

2 MR. BERRESFORD: TCBs.

3 MS. WRIDE: Yes.

4 MR. BERRESFORD: Okay, thank you.

5 Well, I just intended to clear up some terminology  
6 when I asked that question.

7 (Laughter.)

8 Yog, did you have more questions?

9 MR. VARMA: I have a few more questions.

10 MR. BERRESFORD: Oh, okay. I'm sorry. I had --

11 MR. VARMA: Oh, no, no, no.

12 MR. BERRESFORD: -- thought you were through.

13 MR. VARMA: I have just one question for Bill  
14 Hurst.

15 Bill, we have had a good discussion here of the  
16 spectrum of choices that are in front of us. Starting at  
17 one end of the spectrum is, I believe, FCC continuing its  
18 role of certification. Moving to the other end of the  
19 spectrum, I suppose I could say would be verification, and  
20 next to verification I might perhaps list declaration of  
21 conformity, and then moving towards the other end of the  
22 spectrum will perhaps be certification by the TCBs.

23 You had made a plea that we must stay the course,  
24 and I was wondering if you can clarify for us if you meant  
25 by that certification by TCBs as the next logical step or